

IN THE CLAIMS

Please cancel claims 27-108. Please add the following claims:

27-108. (Cancelled)

109. (New) A system comprising:

a memory to store a codestream with a header having at least one marker to identify locations of data within the codestream;

at least one output device; and

a parser coupled to the memory and coupled to receive device characteristics from said at least one output device, wherein the parser is operable to perform device-dependent quantization, prior to decoding the codestream, on the codestream in view of the device characteristics using the at least one marker to identify locations of data within the codestream when selecting portions of the codestream for output to the at least one output device.

110. (New) The system defined in Claim 109 wherein the codestream comprises lossless compressed image data.

111. (New) The system defined in Claim 109 wherein said at least one marker indicates the number of components, any subsampling, and any alignment used for every tile in codestream.

112. (New) The system defined in Claim 109 wherein the codestream includes a main header and one or more tiles and each of the one or more tiles in the codestream is preceded by a local header.

113. (New) The system defined in Claim 112 wherein the main header includes information that applies to all tiles in the codestream and each local header includes information that only applies to the tile to which it precedes.

114. (New) The system defined in Claim 113 wherein information in at least one of the local headers overrides information in the main header.

115. (New) The system defined in Claim 109 wherein the parser uses markers in the codestream to identify portions of the codestream for truncation.

116. (New) The system defined in Claim 115 wherein at least one of the markers indicates frequency information.

117. (New) The system defined in Claim 109 further comprising a compressor to create the codestream.

118. (New) The system defined in Claim 109 wherein the parser comprises a quantization selection apparatus.

119. (New) The system defined in Claim 118 wherein the quantization selection apparatus transforms and quantizes a set of compressed image data by discarding bitplanes of various coefficients in the compressed image data.

120. (New) The system defined in Claim 109 wherein the codestream includes one or more tags, and wherein one of the one or more tags indicates importance levels within the data in each tile.

121. (New) The system defined in Claim 109 wherein the codestream includes one or more tags, and wherein at least one tag indicates importance level locator signals by which the parser truncates the codestream.

122. (New) The system defined in Claim 109 wherein the codestream includes one or more tags, and wherein at least one tag indicates the number of importance levels to be kept in the codestream.

123. (New) The system defined in Claim 109 wherein the codestream includes one or more tags, and wherein at least one tag indicates the number of bytes to keep in the codestream.

124. (New) The system defined in Claim 109 wherein the codestream includes one or more tags, and wherein at least one tag includes an indication in each tile associates the number of bytes with the importance level.

125. (New) The system defined in Claim 115 wherein the at least one marker indicates the number of bytes of an importance level in each tile.